

- DEMOLITION KEY NOTES**
- REMOVE CONDUIT AND WIRING FROM PANEL WHV BACK TO PANEL MDP.
  - REMOVE CONDUIT AND WIRING FROM PANEL GHV BACK TO PANEL MDP.
  - REMOVE CONDUIT AND WIRING FROM PANEL TRANSFORMER T-1 BACK TO PANEL MDP.
  - REFER TO DRAWING E-601 FOR ADDITIONAL DEMOLITION NOTES.
  - REMOVE TRANSFER SWITCH ATS-5. REMOVE NORMAL POWER FEEDER FROM ATS-5 TO MAIN SWITCHBOARD.
  - TRANSFER SWITCH ATS-6 TO REMAIN. REMOVE NORMAL POWER FEEDER FROM MAIN SWITCHBOARD.

- NEW WORK KEY NOTES:**
- SWITCHBOARD EDP 2000A, 480/277V, MLO, WEATHERPROOF.
  - PANEL GDP 800A, 480/277V, MLO.
  - AUTOMATIC TRANSFER SWITCH ATS-1, 1200A, 480V, 4-POLE, NEMA 3R ENCLOSURE, FRONT CONNECTED.
  - AUTOMATIC TRANSFER SWITCH ATS-2, 800A, 480V, 4-POLE, NEMA 3R ENCLOSURE, FRONT CONNECTED.
  - AUTOMATIC TRANSFER SWITCH ATS-3, 400A, 480V, 4-POLE, NEMA 3R ENCLOSURE, FRONT CONNECTED.
  - AUTOMATIC TRANSFER SWITCH ATS-4, 400A, 480V, 3-POLE, NEMA 3R ENCLOSURE, FRONT CONNECTED.
  - EMERGENCY GENERATORS 2X600KW, 480/277V, 3Ø, 4-WIRE, WEATHERPROOF ENCLOSURE.
  - CONCRETE PADS.
  - NEW CIRCUIT BREAKER 800A, 480V, 3-POLE, 65KA. IN EXISTING MAIN DISTRIBUTION SWITCHBOARD.
  - REPLACE TRANSFER SWITCH ATS-5 400A, 480V, 3-POLE SERVING PANEL LSH, WITH NEW AUTOMATIC TRANSFER SWITCH 400A, 480V, 4-POLE. RECONNECT TO EXISTING CONDUITS AND WIRING.

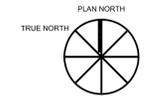
**GENERAL NOTES**

- BASIS OF DESIGN:**  
 GENERAC 600KW DIESEL GENERATORS WITH ON BOARD MPS DIGITAL PARALLELING.  
 LOCAL CONTACT: KELLY GENERATOR EQUIPMENT - GARY FINK AT (301) 440-5102.  
  
 ASCO AUTOMATIC TRANSFER SWITCHES:  
 LOCAL CONTACT: EMERSON NETWORK POWER - ROBERTO BENAVIDEZ AT (202)322-9845.

**NEW WORK KEY NOTES (CONTINUED):**

- RUN 2#12+1#12G IN LFMC (LIQUID TIGHT FLEXIBLE CONDUIT) FOR FINAL CONNECTION TO FUEL PUMP.
- REMOVE AND REPLACE EXISTING CEILING IN MEN'S ROOM 107 AND LOCKER'S ROOM 108 TO MATCH EXISTING. INSTALL NEW CONDUITS ABOVE THE CEILING IN THESE ROOMS.
- WORK IN SECURED AREA TO BE PERFORMED EXPEDITIOUSLY AND COORDINATED WITH ADVANCE SCHEDULE.
- RUN CONDUIT FROM THE LOAD SIDE OF TRANSFER SWITCH ATS-3 (LIFE/SAFETY) WITHOUT ROUTING THROUGH WEATHERPROOF PULL BOX, TO TERMINATE AT THE TRANSFER SWITCH ATS-5. REFER TO DWG E-604.
- STATUS SIGNALS OF RUNNING AND FAILURE OF NEW GENERATORS TO BE ADDED TO EXISTING FIRE ALARM SYSTEM. UPDATE GRAPHIC ANNUNCIATOR PANEL TO INDICATE NEW GENERATOR STATUS SIGNALS.
- PROVIDE BATTERY POWER PORTABLE HEAVY DUTY FLOOD LIGHT, WEATHERPROOF, 30 WATTS LED LIGHT, 120V, 4-8" TRIPOD, LI-ION RECHARGABLE BATTERY WITH A CAPACITY OF 4 HOURS RUNNING TIME, SIMILAR TO GLOBAL INDUSTRIAL PART # WRB1615810.

**EMERGENCY POWER DISTRIBUTION - NEW WORK**  
 E-101/E-101 SCALE: 1/4" = 1'-0"



DRAWN BY: AL  
 DESIGNED BY: AL  
 REVIEWED BY: MB

PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 45509 EXPIRATION DATE: 06-04-2016

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11/06/2014  
 BID ISSUE  
 DISTRICT OF COLUMBIA  
 DEPARTMENT OF GENERAL SERVICES

NEW BEGINNINGS YOUTH CENTER  
 8400 RIVER ROAD  
 LAUREL, MD. 20742

DYRS NEW GENERATOR INSTALLATION  
**EMERGENCY POWER DISTRIBUTION - NEW WORK**

SCALE: AS SHOWN DATE: 08/15/2014  
 DRAWING NO. SHEET 21 OF 27

E-101CR